

7.2 Day 1 (Multiplying Exponents) Worksheet

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Simplify. Your answer should contain only positive exponents.

1) $6^7 \cdot 6^6$

2) $3^7 \cdot 3^2$

3) $4^7 \cdot 4^2$

4) $8 \cdot 8^2 \cdot 8^4$

5) $5^4 \cdot 5^6$

6) $7^2 \cdot 7^6 \cdot 7^6$

7) $3x^6y^7 \cdot 6y^6$

8) $7m^5n^7 \cdot 4n$

9) $x^4y^5 \cdot 2x^2y^8$

10) $8u^6 \cdot 2u^7v^8 \cdot u^5v^4$

11) $7x^5 \cdot 5x^3y^8$

12) $x^6y^2 \cdot 3x^5y^6$

13) $4u^5 \cdot 6u^3 \cdot 3u^3v^8$

14) $8x^5y^2 \cdot 6xy^7 \cdot 8x^4y^7$